



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**APPLICANT:** Heinz-Peter Frerichs

**GROUP:** 2814

**SERIAL NO:** 10/719,648

**EXAMINER:** John Ingham

**FILED:** November 21, 2003

**FOR:** SENSOR FOR MEASURING A GAS CONCENTRATION  
OR ION CONCENTRATION

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**RESPONSE**

This document is responsive to the Official Action dated January 31, 2007.

**IN THE CLAIMS:**

Claims 1-20 remain as follows: